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HYPNUM FLUITANS VAR. ATLANTICUM REN.

From the Journal of Botany, August, 1901. By H. N. DIXON.

"A plant collected somewhat extensively by Mr. J. A. Wheldon and Mr. A. Wilson in Lancashire, on elevated moorlands and again by Mr. W. Ingham in Yorkshire has for some time given rise to discussion. Its short nerve, the secund, wide leaves, shortly and broadly pointed, the loose areolation and very indistinctly defined auricles, gave it a very different character from that usually obtaining in this species. Under his somewhat heterogeneous group 'a *obsoletum*,' Sanio has described a var. *Holleri* having very nearly the same characters, and M. Renauld at first referred our plants to this, ranking them under var. *Jeanbernati* as f. *Holleri* Sanio. In a letter recently received from him, however, he writes: 'This determination is strictly correct; however, as the var. *Holleri* Sanio is badly conceived and described, and as the group *obsoletum* Sanio is, besides, very confused, I prefer now to make a new variety which should be placed beside, the var. *Jeanbernati* Ren.' For this variety M. Renauld proposes the name *Atlanticum*, and has drawn up the following description:

"HYPNUM FLUITANS L. (*amphibium*) var. ATLANTICUM Ren. A form similar to the var. *Jeanbernati* Ren., from which it differs in the *green* color, chlorophyllose cells; larger oval leaves abruptly narrowed into a short acumens; nerve a little broader ($58-64\mu$ instead of $46-48\mu$); basal areolation looser, medium cells broader and shorter."

"Habitat: England: R. Wyre, West Lancs., coll. Albert Wilson, 1900, (Weldon, No. 9) Summit of Pendle Hill, Lancs., alt. 600m. coll. J. A. Weldon, July, 1898." "France: Meymac (Corrèze), alt. 900m. coll. Lachenaud, 1901."

"Forma *gracilis* Ren. Plants more slender, leaves smaller but of the same shape as the typé, nerve narrower and areolation looser than in the var. *Jeanbernati*." "Habitat: England: Arncliffe, Wood, Yorkshire, 1900,

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In August last I collected a variety of *Hypnum fluitans* on the ground under the spruces on the summit of Mt. Mansfield, Vt. Specimens were sent to M. Renauld who at once pronounced them to be the var. *Atlanticum*. It will be issued as no. 103 of N. American Musci Pleurocarpi. A. J. GROUT.

In Prof. Holzinger's article in the January BRYOLOGIST on *Seligeria tristicha* B. & S. he says: "A plant collected by Dr. G. G. Kennedy in Connecticut at first referred to *Seligeria calcarea* seems to belong rather to this species." I collected the plant June 13, 1896, on the ledges of Willoughby Mountain, Vermont, and suppose that my label must have misled Prof. Holzinger. I find that I write Vt. with a very round V instead of an acute-angled V and therefore my Vt. was read Ct. I sent a packet of the moss to General Paris in Dinard, France, and he listed *Seligeria calcarea* (Dicks) Bry. Eur. in the Index Bryologicus as found in Vermont. For fear that some student of the distribution of our mosses may think that it has also been found in Connecticut, I hasten to say that my specimen was from Vermont and I do not know of any Connecticut specimen. GEO. G. KENNEDY.